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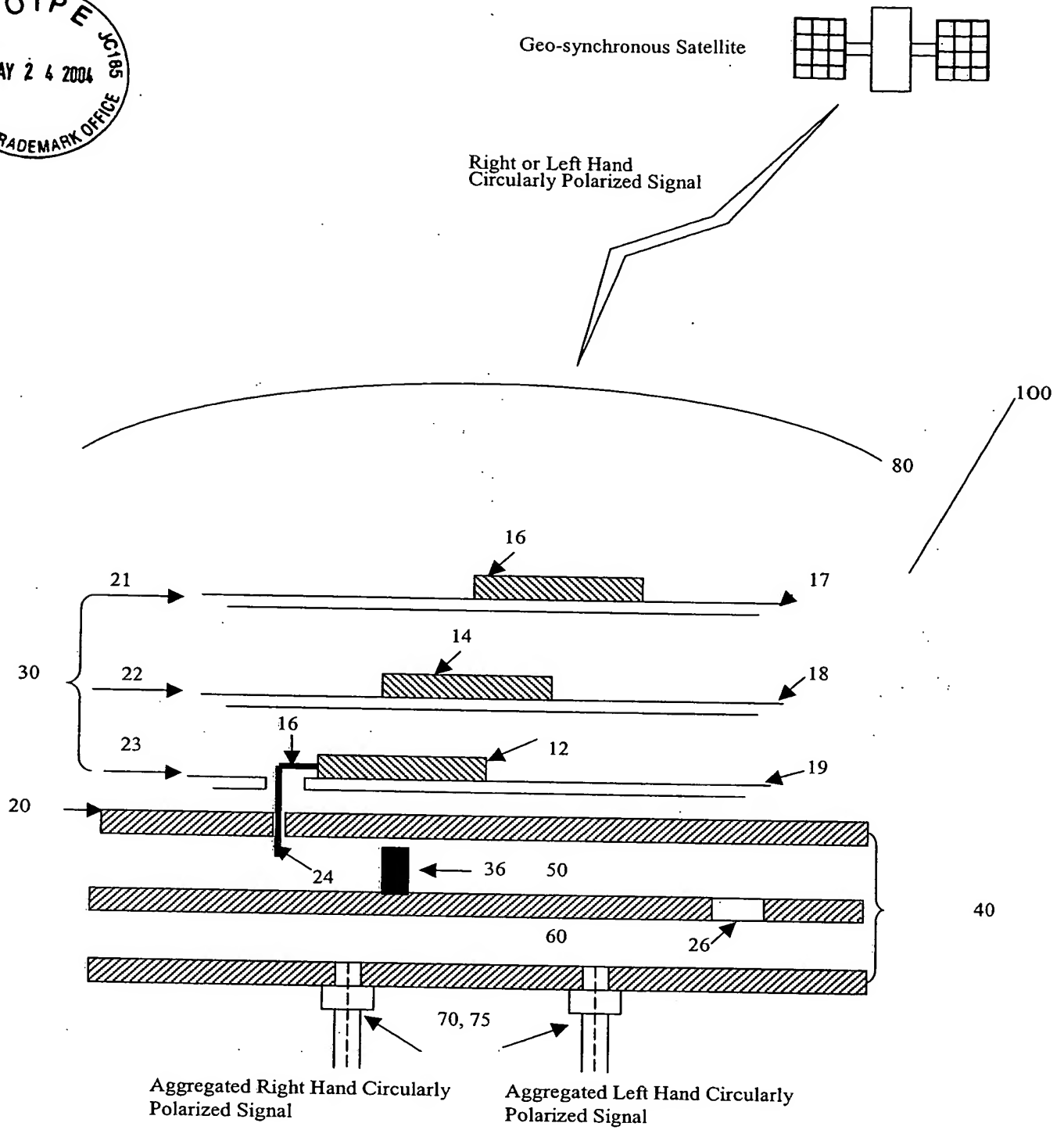


FIGURE 1

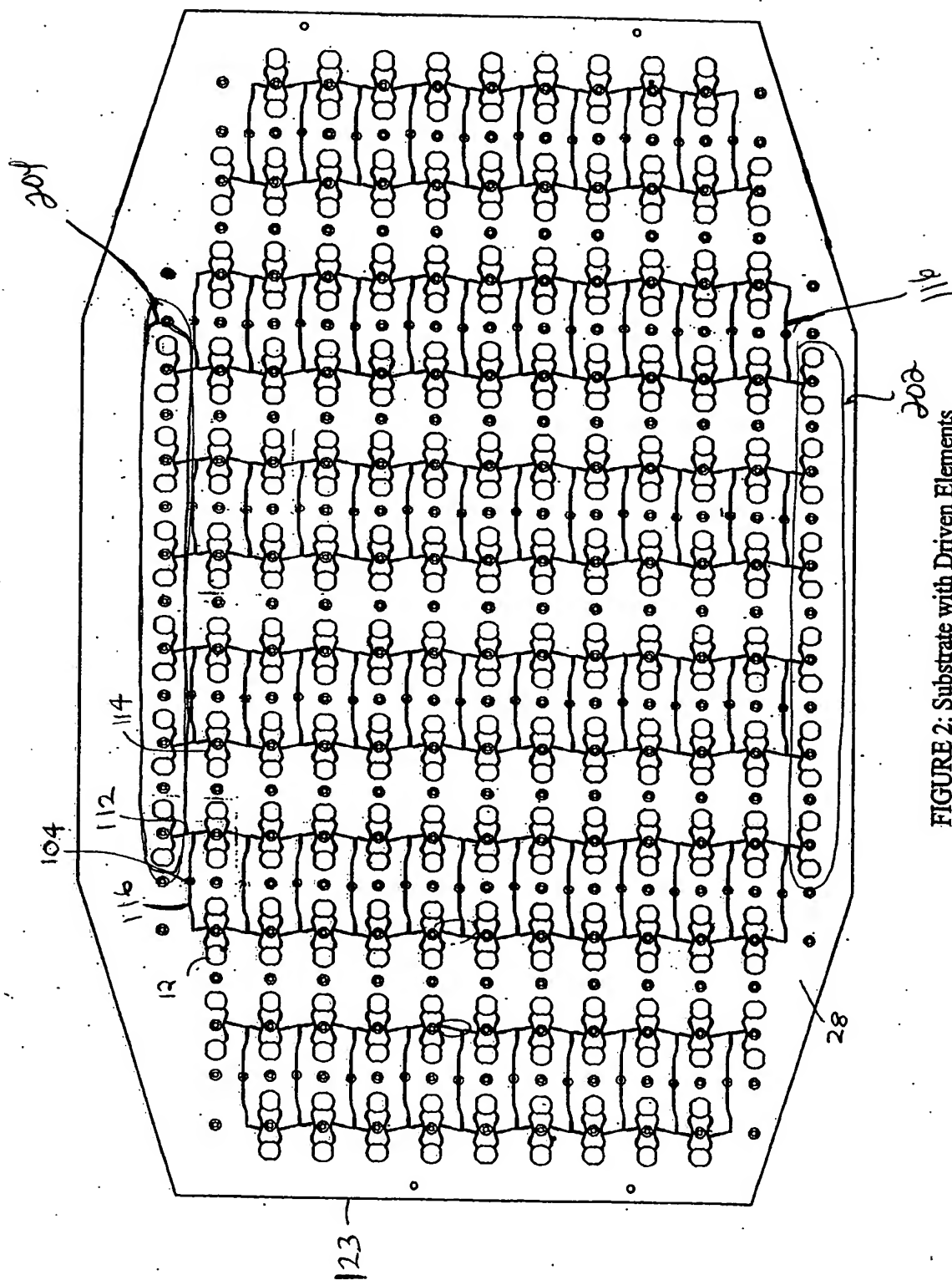


FIGURE 2: Substrate with Driven Elements

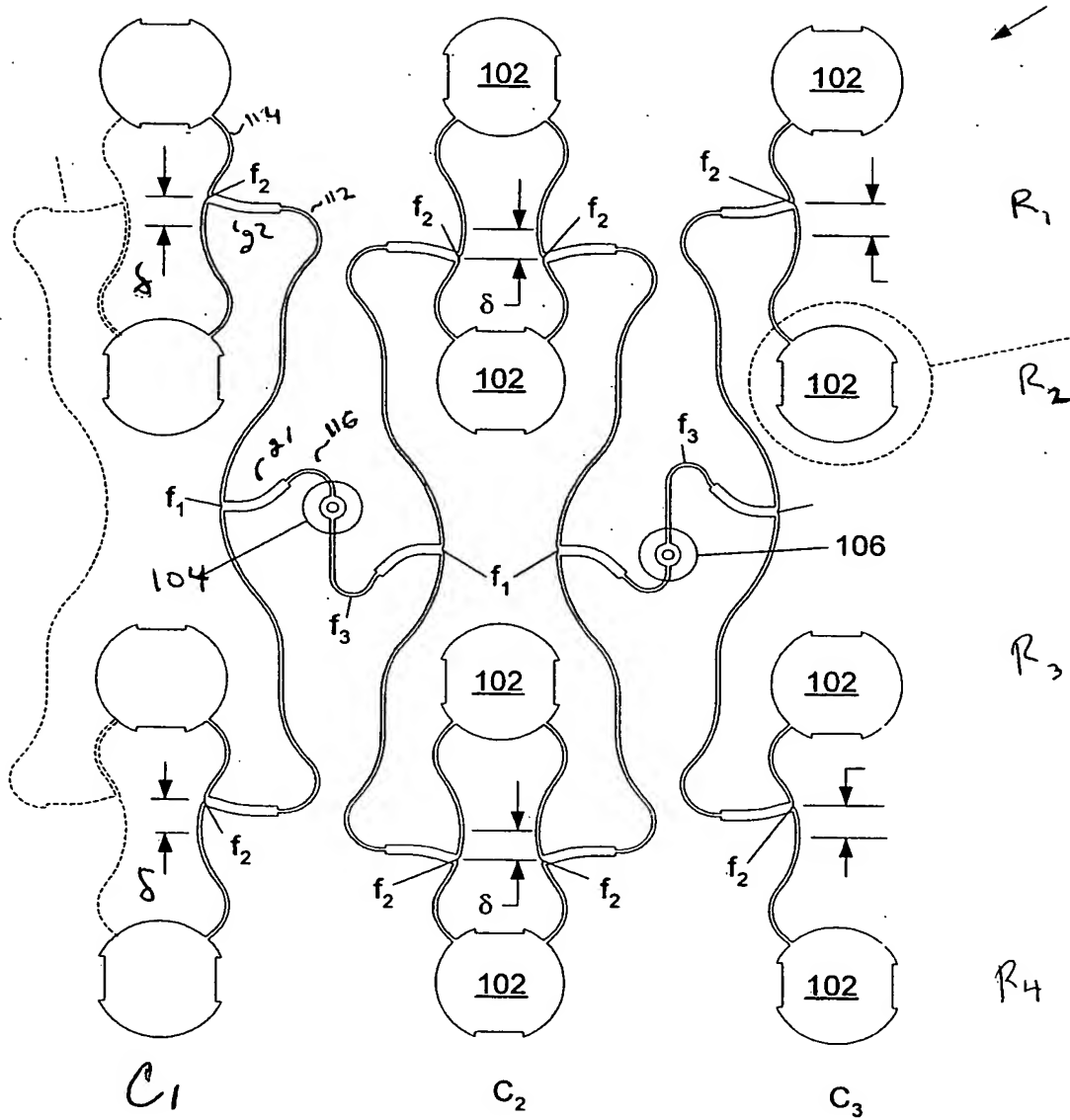


FIG. 3

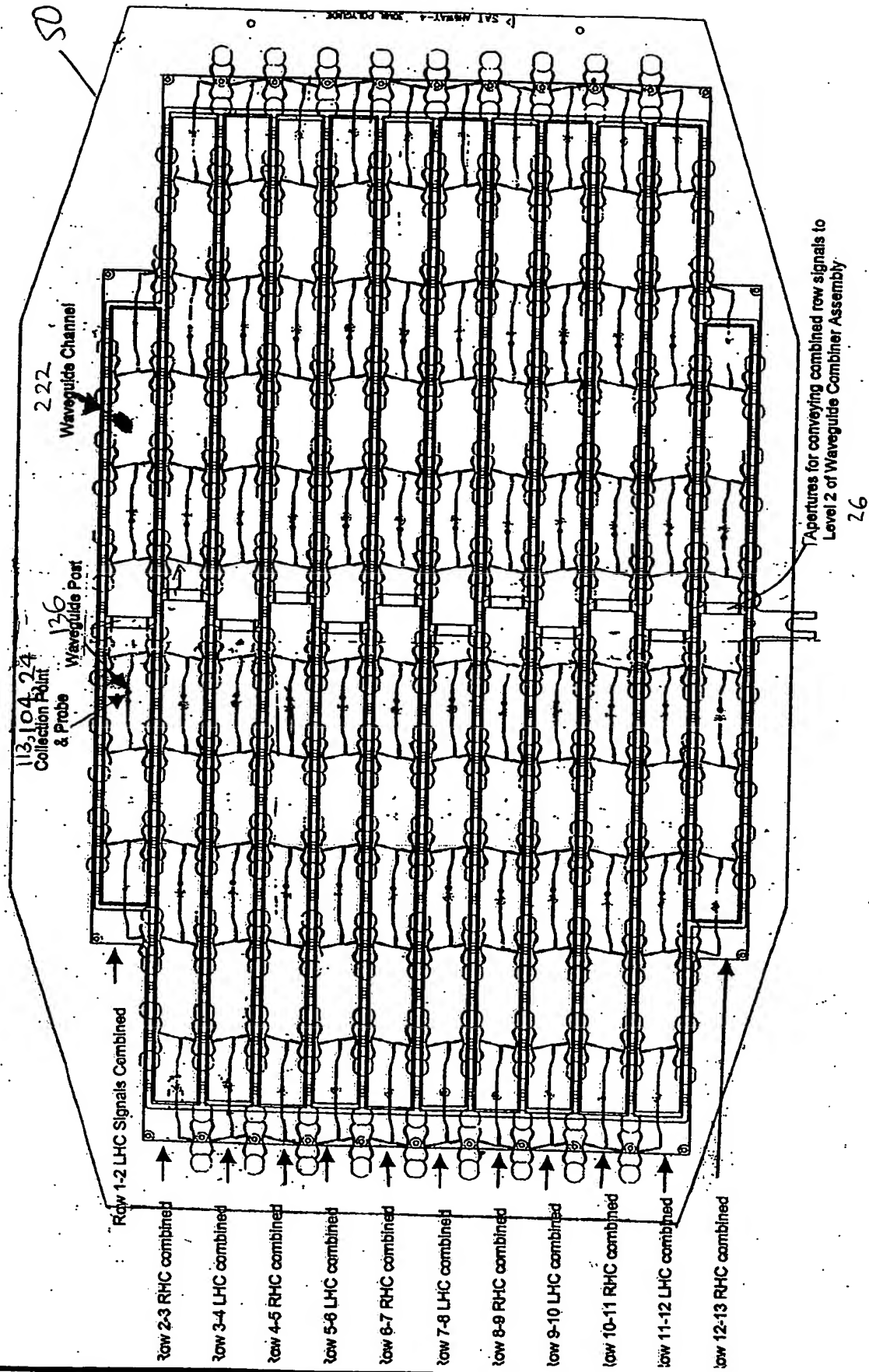


FIGURE 4: Level One of Waveguide Combiner Assembly (Showing Driven Patch Elements Above)

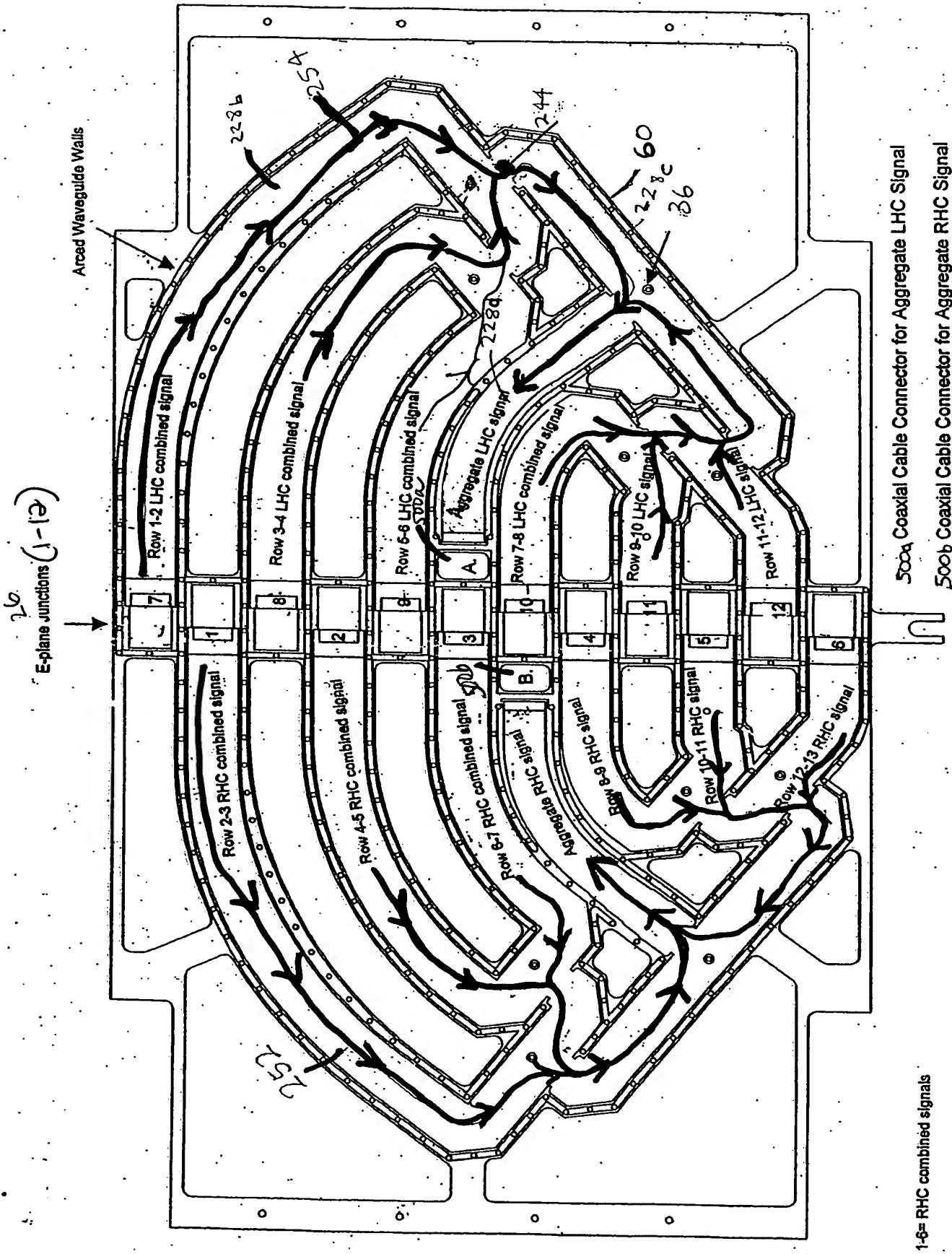


FIGURE 6: Level Two of Waveguide Combiner Assembly

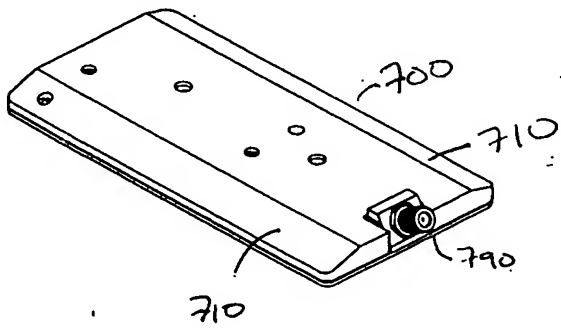


Figure 7B

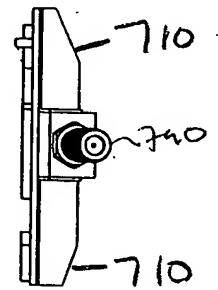


Figure 7C

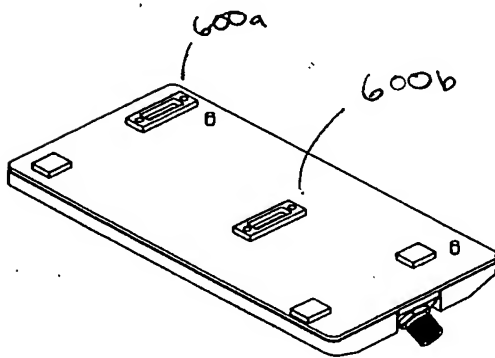


Figure 7A

FIGURE 7

STACKED LNB

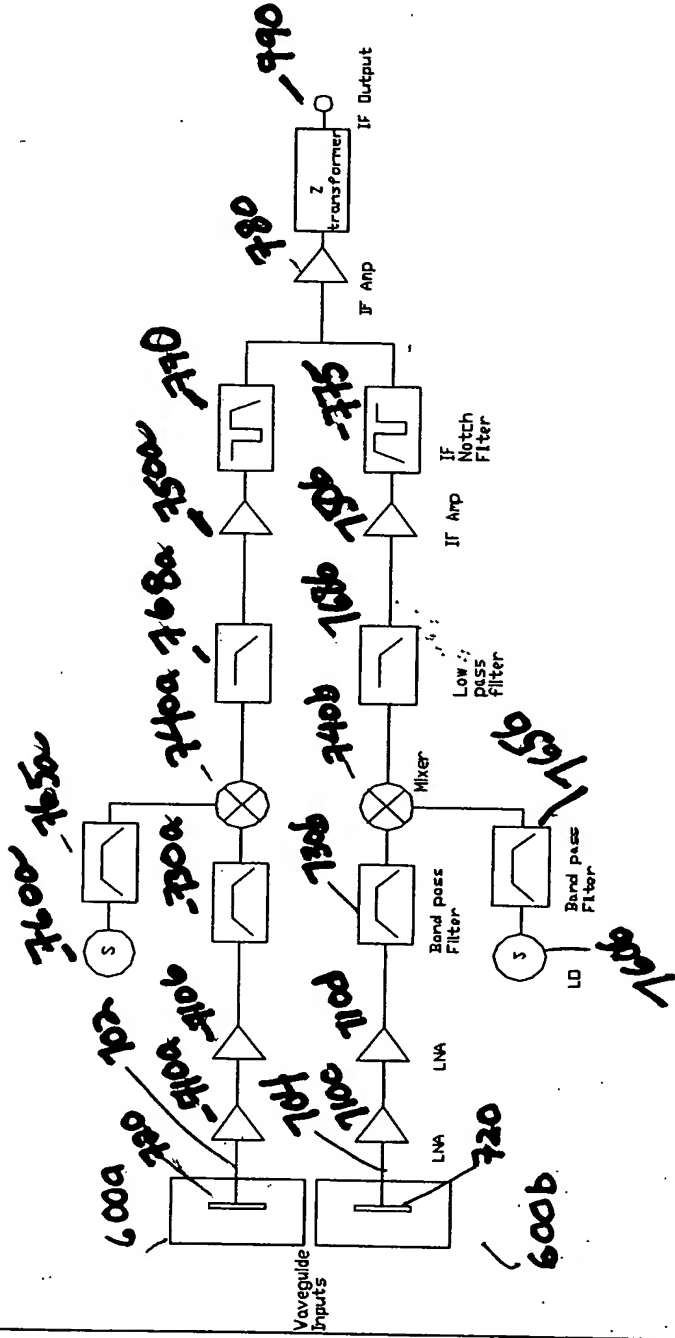


FIGURE 8